FORM MS-9489-6/95
REPLACES FORM MS-9489-10/94
FILE IN SECT. 2 OF SERVICE MANUAL

402400 to 402499

Illustrated Parts List
Industrial/Commercial
Model Series
402400 to 402499

TYPE NUMBERS
1106, 1107, 1115,
1116, 1126,
1200 through 1507,
4009, 4010, 4012,
4015, 4016, 4020,
4021, 4026, 7020.

TO FIND
THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW

A. Refer to Engine Model, Type and Code Number that is stamped on the blower housing of engine. Engine type numbers such as 0123 01 are listed only as 0123 in most instances. The two digits (01 or 02, etc.) to the right of the space may be required for more accurate parts identification in some instances. Select the Illustrated Parts List covering the correct Model Series and Type Number.

B. Refer to the Illustrations and compare the original part with Illustration. The number next to the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames having individual reference numbers can be purchased separately.

C. After the Reference Number has been identified, refer to the Numerical text, where Reference and Primary Part Number are listed. THE PRIMARY PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER “NOTE.”

D. If a “Note” appears below the Primary Part Number, it means that this part differs from the Primary Part for certain types. If your Type number is listed under “Note,” order the part referred to at the “Note.”

E. If your Engine Type Number does not appear after any part number listed under “Note,” use the Primary Part Number.

F. For Engine Type Numbers not covered by this book, check other Parts Lists having the same engine model or contact your source of supply.

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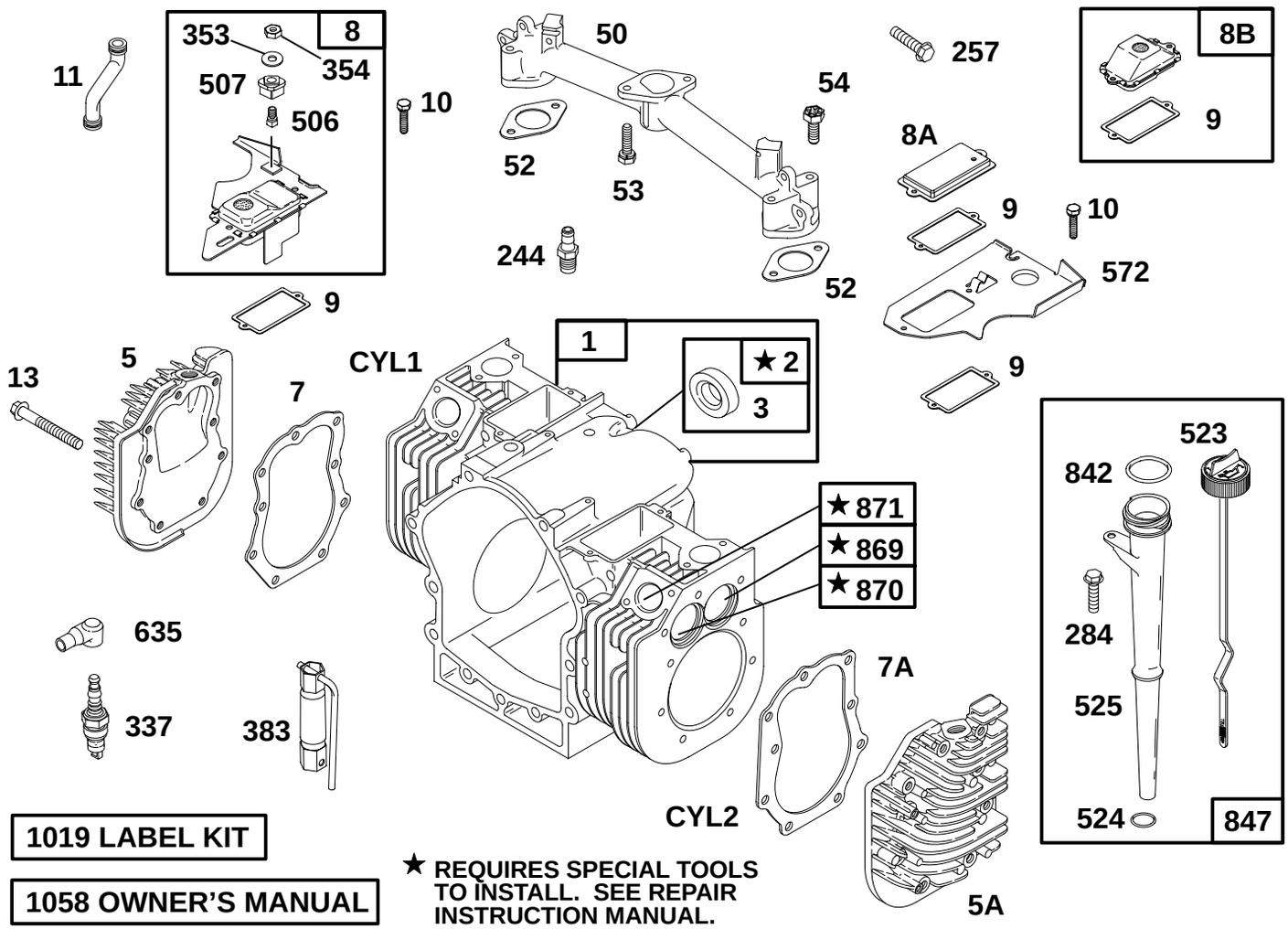
402400 to 402499

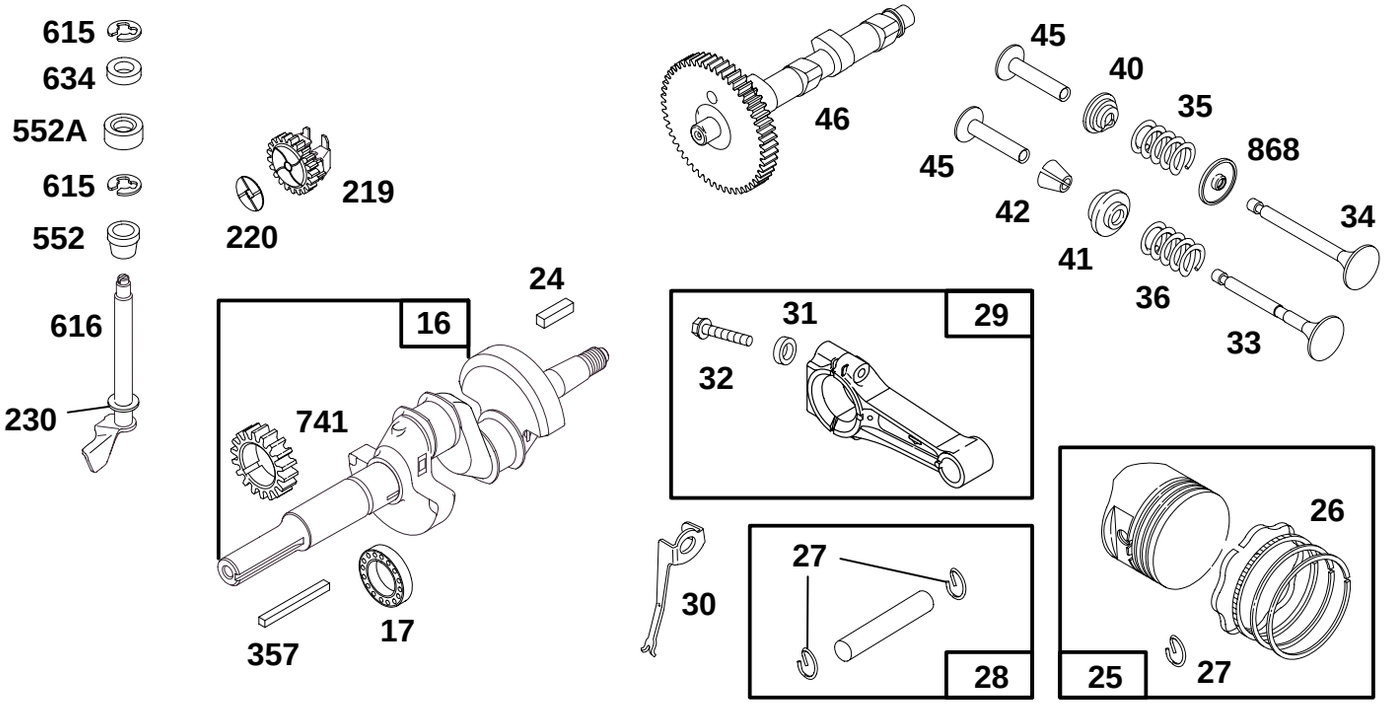


REF. NO.	PART NO.	DESCRIPTION
1	**497075**	Cylinder Assembly
2		Bushing
		See Last Pages.
3	**★391086**	Seal–Oil
5	**493457**	Head–Cylinder (#1)
5A	**493458**	Head–Cylinder (#2)
7	**◆★271867**	Gasket–Cyl. Head (#1)
7A	**◆★271868**	Gasket–Cyl. Head (#2)
8	**393243**	Breather Assy. (#1)
8A	**222892**	Cover–Breather (#2) (Used After Code Date 91081800).
8B	**495756**	Breather Assy. (#2) (Used Before Code Date 91081900).
9	**◆★27803**	Gasket–Breather
10	**94830**	Screw–Hex.
11	**280819**	Tube–Breather
13	**94565**	Screw–Hex.

REF. NO.	PART NO.	DESCRIPTION
50	**213288**	Manifold–Intake
52	**◆★270884**	Gasket–Intake
53	**94881**	Screw–Hex.
54	**94765**	Screw–Torx® Hex.
244	**230318**	Connector–Fuel Line (Fuel Pump)
		–––––– Note –––––
		91488 Plug–Pipe Used on Type No(s). 1218.
257	**93897**	Screw–Slotted Hex.
284	**93886**	Screw–Shoulder
337	**802592**	Plug–Spark
353	**67072**	Washer
354	**90576**	Nut–Hex.
383	**89838**	Wrench–Spark Plug
506	**231174**	Terminal
507	**280180**	Insulator
523	**398924**	Cap–Oil Fill

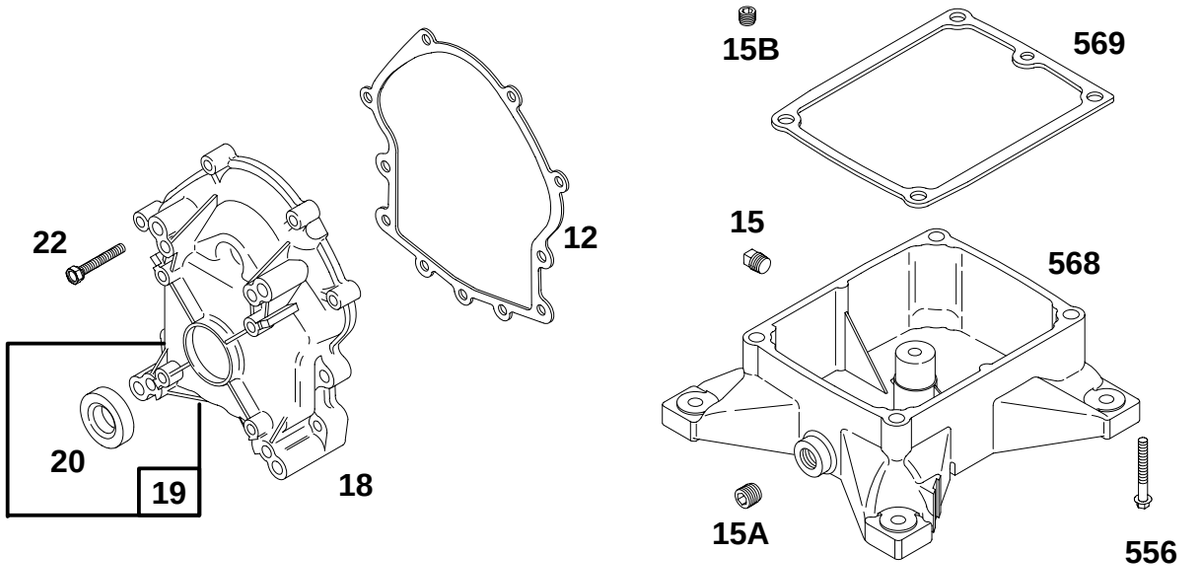
REF. NO.	PART NO.	DESCRIPTION
524	**★68838**	Seal–Fill Tube
525	**280220**	Tube–Oil Fill
572		Guide–Air
		See Last Pages.
635	**66538**	Boot–Spark Plug
842	**★271170**	Seal–Cap
847	**398990**	Tube Assy.–Oil
869	**261463**	Seat–Valve (Intake Valve)
870	**213316**	Seat–Valve (Exhaust Valve)
871	**261961**	Guide–Valve (Exhaust)
		–––––– Note –––––
		231218 Guide–Valve (Intake)
1019	**491261**	Label Kit
1058	**272111**	Owner's Manual

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



REF. NO.	PART NO.	DESCRIPTION
16		Crankshaft **See Last Pages.**
17	**393741**	Bearing–Ball (P.T.O. Side)
24	**222698**	Key–Flywheel
25	**394955**	Piston Assy. (Standard)
	394956	Piston Assy. (.010” O.S.)
	394957	Piston Assy. (.020” O.S.)
	394958	Piston Assy. (.030” O.S.)
26	**394959**	Ring Set (Standard)
	394960	Ring Set (.010” O.S.)
	394961	Ring Set (.020” O.S.)
	394962	Ring Set (.030” O.S.)
27	**260924**	Lock–Piston Pin
28	**299691**	Pin–Piston (Standard)
	391286	Pin–Piston (.005” O.S.)
29	**393270**	Rod–Connecting (Standard)
	393714	Rod–Conn. (.020” Undersize)
	492667	Rod–Conn. Used on Model Series *402442*, *402445, 402447.*
		–––––––– Note ––––––
	492911	Rod–Conn. (.020” Undersize) Used on Model Series *402442*, *402445, 402447.*
30	**222480**	Dipper–Connecting Rod
31	**220863**	Washer–Spacer (Used Before Code Date 92090300).
32	**94671**	Screw–Connecting (Used After Code Date 92090300).
		–––––––– Note ––––––
	92909	Screw–Hex. (Used Before Code Date 92090400).
33	**390420**	Valve–Exhaust (Includes Ref. 42)
		–––––––– Note ––––––
	390419	Valve–Exhaust Used on Type No(s). 1501, 1502, 1505, 1506, 1507, 4020, 4021, 7020.
34	**261528**	Valve–Intake
35	**65906**	Spring–Valve (Intake Valve)
36	**26828**	Spring–Valve (Exhaust Valve)
40	**221596**	Retainer–Valve (Intake Valve)
41	**292260**	Retainer–Valve (Exhaust Valve)
42	**93630**	Keeper–Valve (Quantity of 2)
45	**261368**	Tappet–Valve
46	**213520**	Gear–Cam
219	**394348**	Gear–Governor
		–––––––– Note ––––––
	491663	Gear–Gov. Used on Type No(s). 1208, 1209, 1214, 1219, 4009.
220	**222773**	Washer–Thrust
230	**223882**	Washer
357	**91540**	Key–Drive Pulley
552	**262332**	Bushing–Crank (Lower)
552A	**262331**	Bushing–Crank (Upper)
615	**94296**	Retainer
616	**491530**	Crank–Governor
634	★**491287**	Seal
741	**262694**	Gear–Timing
868	◆**393606**	Seal–Valve

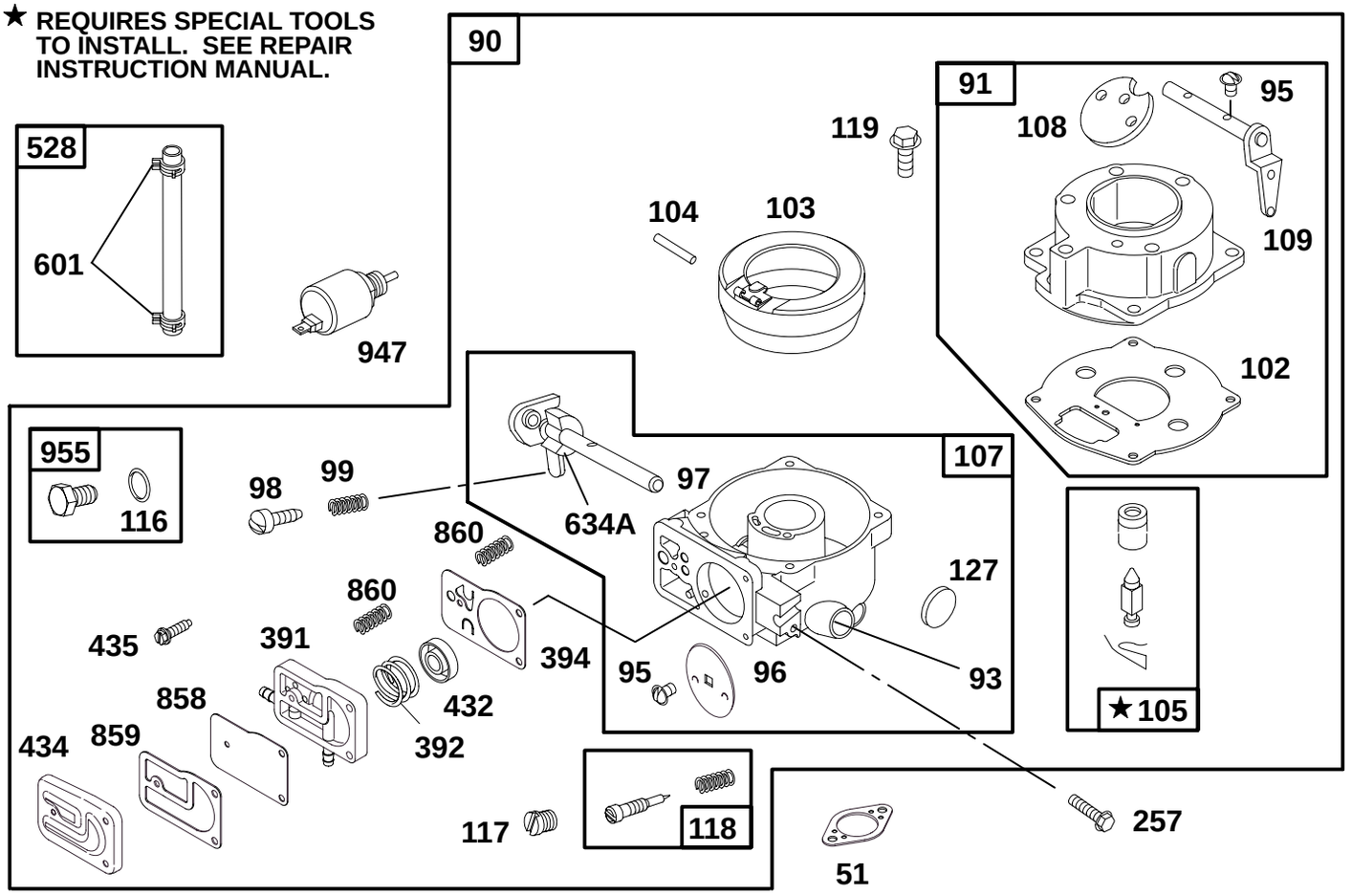
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



REF. NO.	PART NO.	DESCRIPTION
12	★**272061**	Gasket–Crankcase (0.015” Thick)
		★**272127** Gasket–Crankcase (.005” Thick)
		–––––––– Note ––––––
		★**272127** Gasket–Crankcase (.005” Thick) Used on Model Series *402442*, *402445* and *402447.*
		★**272128** Gasket–Crankcase (.009” Thick)
15	**94239**	Plug–Oil Drain
15A	**93448**	Plug–Oil Drain
15B	**94497**	Plug–Pipe
18	**394309**	Cover–Crankcase (Ball Brg.)
		–––––––– Note ––––––
		394420 Cover–Crankcase (Plain Bearing) Used on Type No(s). 1501, 1502, 1505, 1506, 1507, 4020, 4021, 7020.
		394535 Cover–Crankcase (Ball Bearing) Used on Type No(s). 1106, 1107, 1205, 1206, 1207, 1213, 1217, 1221, 1226, 4012.
		491711 Cover–Crankcase (Plain Bearing) Used on Type No(s). 1201, 1203, 1214, 1218, 1225, 4009, 4026.
		491810 Cover–Crankcase (Plain Bearing) Used on Type No(s). 1115, 1116, 1126, 1216, 1219, 1220, 1224, 4010, 4015, 4016.
		492265 Cover–Crankcase (Plain Bearing) Used on Type No(s). 1208.
		493223 Cover–Crankcase (Plain Bearing) Used on Type No(s). 1210, 1223.
19	**491718**	Bushing
		–––––––– Note ––––––
		495360 Bushing (Used Before Code Date 89073100). Used on Model Series *402442*, *402445,* and *402447.*
20	★**291675**	Seal–Oil
22	**93847**	Screw–Hex.
		–––––––– Note ––––––
		94096 Stud–Hex. Drive Used on Type No(s). 1206, 1208, 1221.
556	**94725**	Screw–Hex.
568	**490918**	Base–Engine
		–––––––– Note ––––––
		491717 Base–Engine Used on Model Series *402442, 402445,* and *402447.*
569	★**272062**	Gasket–Base
		491717 Base–Engine

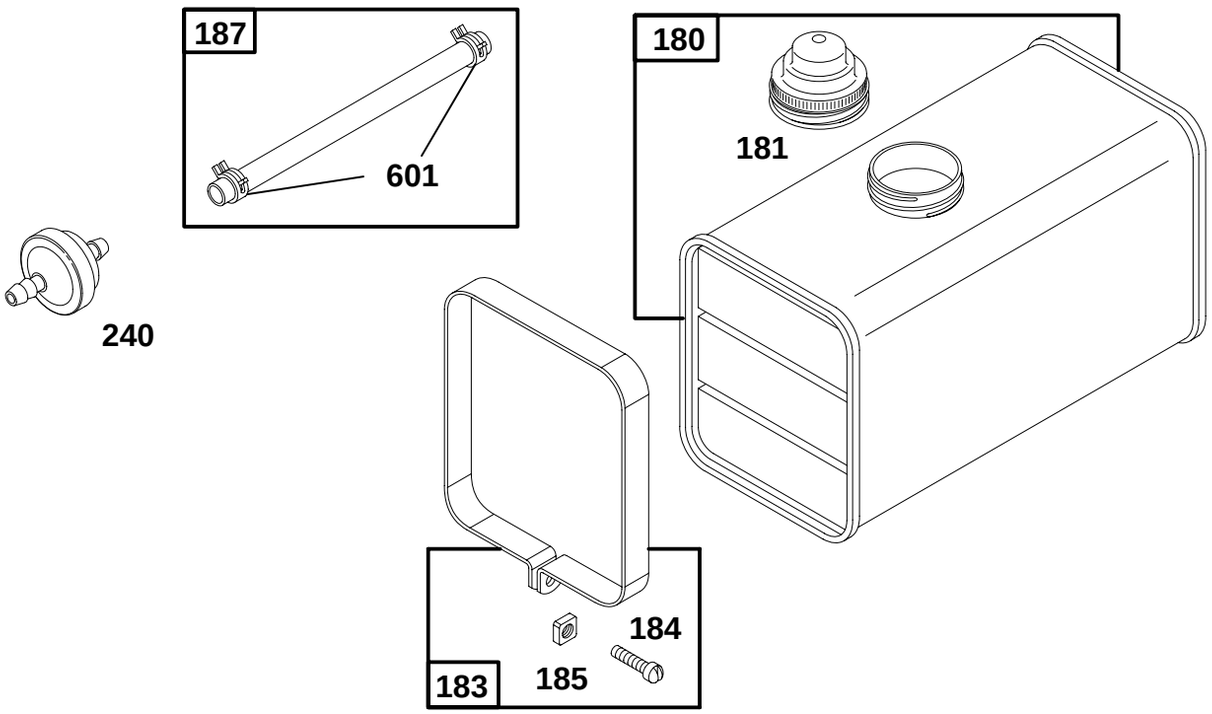
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**



REF. NO.	PART NO.	DESCRIPTION
51	★●**271412**	Gasket–Carb. Mtg.
90		Carburetor
		See Last Pages.
91	**495035**	Body Assembly–Upper
93	**231209**	Bushing–Throttle Shaft
95	**93499**	Screw–Slotted
96	**221939**	Valve–Throttle
97	**392672**	Shaft–Throttle
		–––––––– Note ––––––
		393469 Shaft–Throttle Used on Type No(s). 1208, 1209, 1214, 1219, 4009.
98	**91920**	Screw–Slotted
99	**26157**	Spring
102	●**271607**	Gasket–Carb. Body
103	**298514**	Float–Carburetor
104	●**230896**	Pin–Float Hinge
105	●**394683**	Valve–Needle
107	**491543**	Body Assy.–Lower
		–––––––– Note ––––––
		491662 Body Assy.–Lower Used on Type No(s). 1208, 1209, 1214, 1219, 4009.
		492794 Body Assy.–Lower Used on Type No(s). 1218.
108	**223534**	Valve–Choke
109	**392673**	Shaft–Choke
116	★**280474**	Seal–O-Ring
117	**231338**	Jet–Main
		–––––––– Note ––––––
		231333 Jet–Main (High–Altitude)
		231339 Jet–Main Used on Type No(s). 1218.
118	●**491538**	Valve–Idle Adjustment
119	**94152**	Screw–Torx® Hex.
127	●**223472**	Plug–Welch
257	**93897**	Screw–Slotted Hex.
391	**280197**	Body–Pump
392	■●**261395**	Spring–Diaphragm
394	■●**270988**	Diaphragm–Carburetor
432	■●**221377**	Cap–Spring
434	**223688**	Cover–Diaphragm
435	**93829**	Screw–Slotted Hex.
528	**393815**	Line–Fuel (Impulse)
601	**93053**	Clamp–Hose
634A	●**271013**	Washer–Foam
858	■●**270989**	Diaphragm–Carb.
859	■●**271025**	Gasket–Pump
860	■●**261358**	Spring–Diaphragm (2)
947	**397266**	Solenoid–Fuel
955	**397882**	Plug (Solenoid Hole)

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



REF. NO.	PART NO.	DESCRIPTION
180	**292415**	Tank–Fuel
181	**392305**	Cap–Fuel Tank
183	**291490**	Strap–Fuel Tank
184	**91257**	Screw–Slotted
185	**90970**	Nut–Square

REF. NO.	PART NO.	DESCRIPTION
187	**299146**	Line–Fuel (28” Cut to Required Length)
	393815	Line–Fuel (11” Cut to Required Length)

REF. NO.	PART NO.	DESCRIPTION
240	**394358**	Filter–Fuel (In Fuel Line)
601	**93053**	Clamp–Hose

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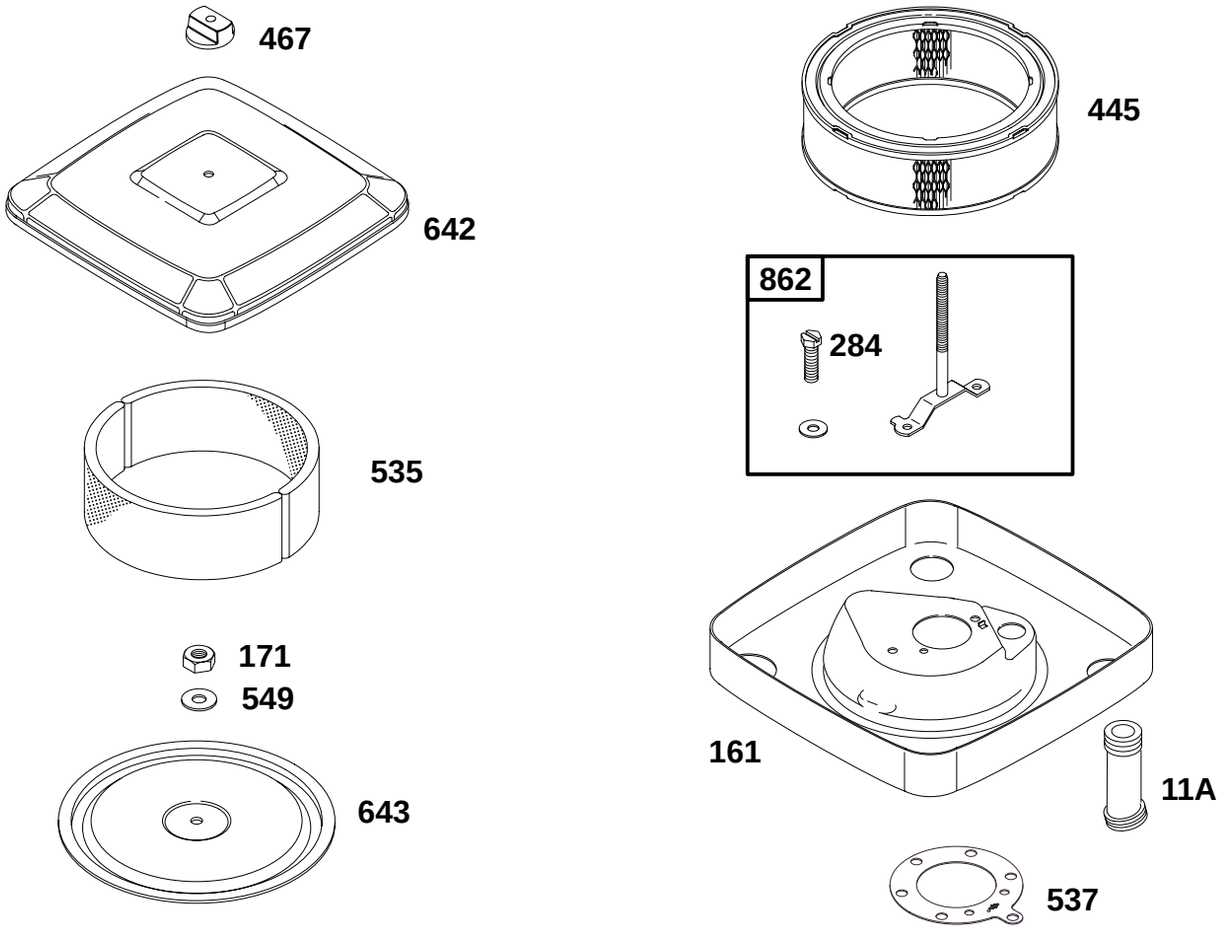
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



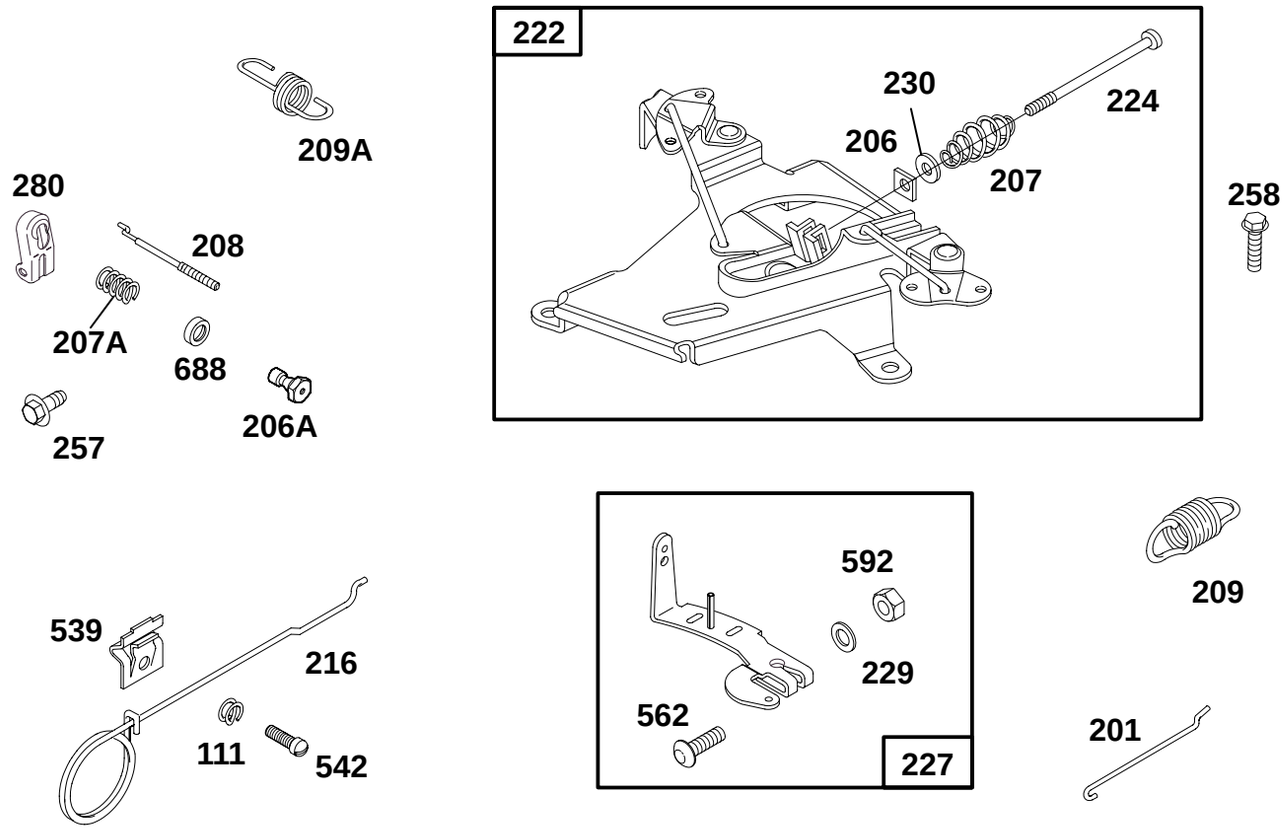
REF. NO.	PART NO.	DESCRIPTION
11A	**280198**	Tube–Intake
161	**224579**	Base–Air Cleaner (Used After Code Date 91081800).
		–––––––– Note ––––––
		222752 Base–Air Cleaner (Used Before Code Date 91081900).
171	**93715**	Nut–Hex.
284	**94264**	Screw–Slotted Hex. (Used After Code Date 92021600).

REF. NO.	PART NO.	DESCRIPTION
		–––––––– Note ––––––
		93893 Screw–Slotted Hex. (Used Before Code Date 92021700).
445	**394018**	Filter–Air
467	**493903**	Knob (Air Cleaner)
535	**272490**	Filter–Air
537	★●**271411**	Gasket–Air Cleaner
549	**271180**	Washer
642	**223001**	Cover–Air Cleaner

REF. NO.	PART NO.	DESCRIPTION
643	**222835**	Retainer–Air Filter
862	**495077**	Strap–Cleaner Mounting (Used After Code Date 92021600).
		–––––––– Note ––––––
		392643 Strap–Cleaner Mounting (Used Before Code Date 92021700).

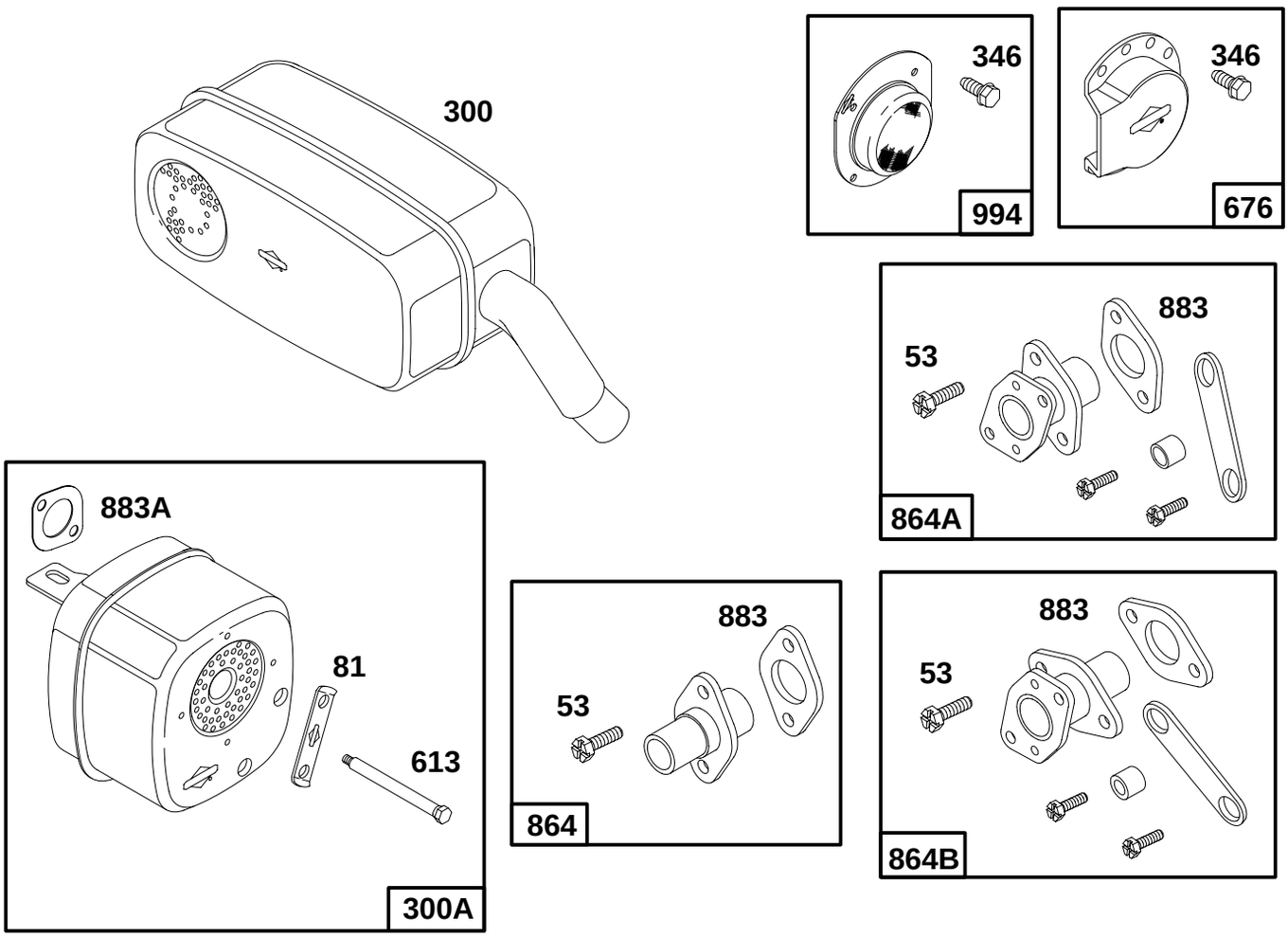
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

402400 to 402499



REF. NO.	PART NO.	DESCRIPTION
111	**26155**	Spring–Choke
201	**262333**	Link
206	**94298**	Nut
206A	**231542**	Nut–Speed Control
207	**262337**	Spring–Control Rod
207A	**262347**	Spring–Control Rod
208	**262636**	Rod–Control
209	**262351**	Spring–Governor
		–––––––– Note ––––––
		262350 Spring–Gov. Used on Type No(s). 1210, 1213, 1505, 1507.
		262352 Spring–Gov. Used on Type No(s). 1107, 1115, 1116, 1206, 1207, 1217, 1221, 1223, 1224, 1225, 1226, 4012, 4015, 4016, 4020, 4021, 7020.
		262353 Spring–Gov. Used on Type No(s). 1216.
		262356 Spring–Gov. Used on Type No(s). 1208, 1209, 1214, 1219, 4009.
		262440 Spring–Gov. Used on Type No(s). 1218, 1506.
		262441 Spring–Gov. Used on Type No(s). 1106, 1126, 4010, 4026.
209A	**261563**	Spring–Governor Idle
216	**261511**	Link
222	**491282**	Bracket–Control
224	**94297**	Screw–Torx®
227	**491298**	Lever–Governor
229	**222289**	Washer
230	**223882**	Washer
257	**93897**	Screw–Slotted Hex.
258	**93949**	Screw–Hex.
280	**223881**	Bracket–Rod
539	**221372**	Clip–Control Rod
542	**90746**	Screw–Slotted
562	**93853**	Bolt–Carriage
592	**92278**	Nut–Hex.
688	**224101**	Cap–Spring

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



REF. NO.	PART NO.	DESCRIPTION
53	**94881**	Screw–Hex
81	**223016**	Lock–Muffler Screw
300	**491307**	Muffler–Exhaust
300A	**399635**	Muffler–Exhaust
346	**93705**	Screw–Deflector
613	**93927**	Screw–Shoulder
676	**393761**	Deflector–Muffler (Side Outlet)
864	**398349**	Adapter–Muffler
864A	**490358**	Adapter–Muffler (Cylinder # 1)
864B	**490357**	Adapter–Muffler (Cylinder # 2)
883	★**272250**	Gasket–Exhaust
883A	★**272293**	Gasket–Exhaust
994	**392390**	Arrester–Spark

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◆ Included in Valve Overhaul Kit–Part No. 498047.
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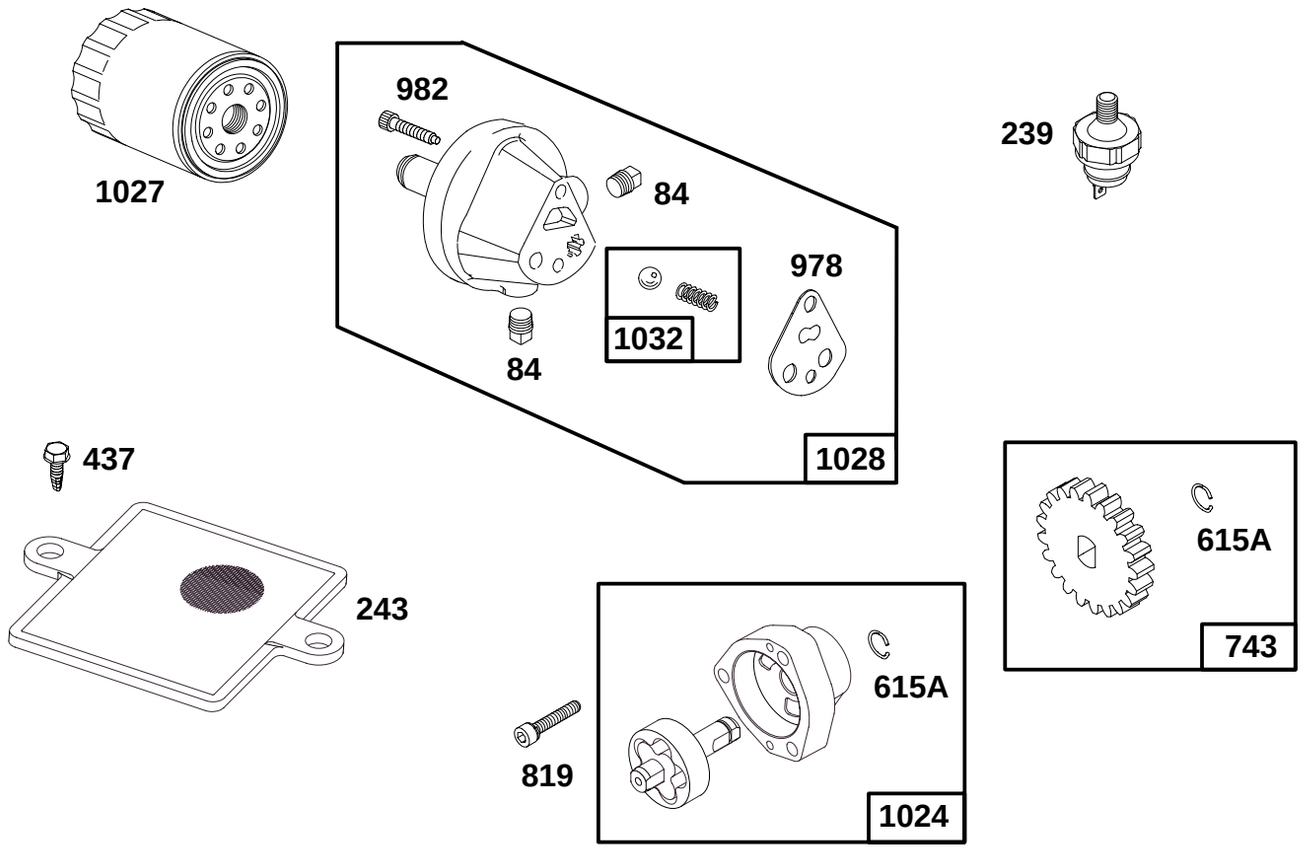

REF. NO.	PART NO.	DESCRIPTION
84	**91488**	Plug–Pipe
239	**491657**	Switch–Oil Pressure
243	**491289**	Screen–Oil Pump
437	**94386**	Screw–Hex.
615A	**94412**	Retainer
743	**491801**	Gear–Drive (Oil Pump)
819	**94366**	Screw–Socket
978	★**272060**	Gasket–Adapter
982	**94362**	Screw–Socket
1024	**491708**	Pump–Oil
1027	**491056**	Filter–Oil
1028	**491721**	Adapter–Filter
		–––––– Note –––––
		492675 Adapter–Filter (Remote) **Use(s):** **492061** Filter Kit (Remote Oil) (18” Hose)
		or **492062** Filter Kit (Remote Oil) (30” Hose)
1032	**491710**	Ball–Oil Pump

★ Included in Gasket Set–Part No. 491856.
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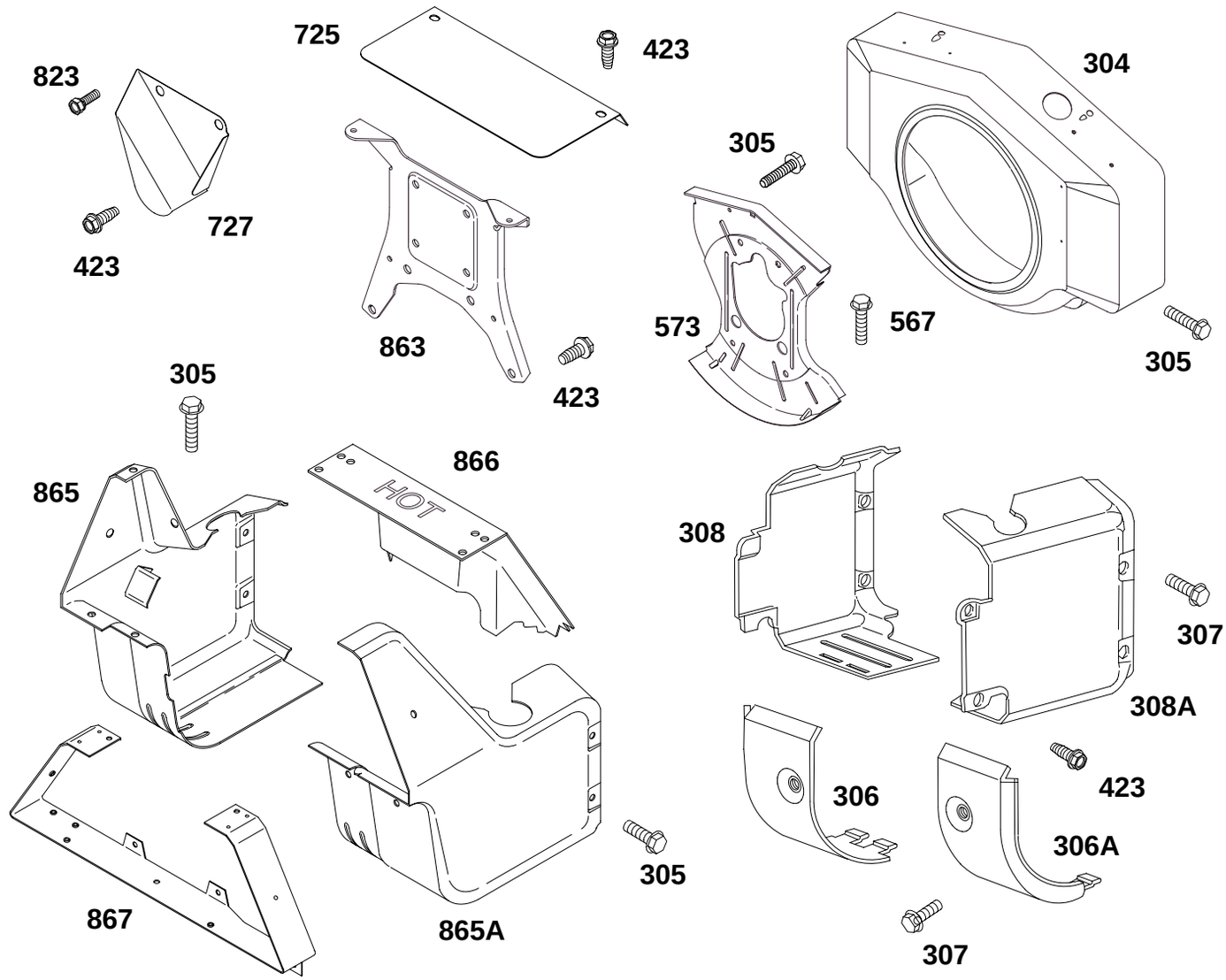

REF. NO.	PART NO.	DESCRIPTION
304	**491245**	Housing–Blower
305	**94786**	Screw–Hex.
	94513	Screw–Hex. (5/8" Long)
306	**222846**	Shield–Cylinder
306A	**223734**	Shield–Cylinder
307	**94386**	Screw–Hex. (Used After Code Date 91081800).

REF. NO.	PART NO.	DESCRIPTION
		–––––– Note ––––––
		93163 Screw–Hex. (Used Before Code Date 91081900).
308	**224774**	Cover–Air Guide
308A	**224775**	Cover–Air Guide
423	**93343**	Screw–Hex.
567	**94811**	Screw–Hex. (Back Plate to Cyl.)
573	**491444**	Plate–Back

REF. NO.	PART NO.	DESCRIPTION
725	**224777**	Shield–Heat
727	**222987**	Guard–Flywheel
823	**94627**	Screw–Hex.
863	**222776**	Bracket–Muffler
865	**392991**	Cover–Air Guide (Cylinder #1)
865A	**495618**	Cover–Air Guide (Cylinder #2)
866	**393025**	Cover–Air Guide
867	**224773**	Frame–Air Guide

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◆ Included in Valve Overhaul Kit–Part No. 498047.
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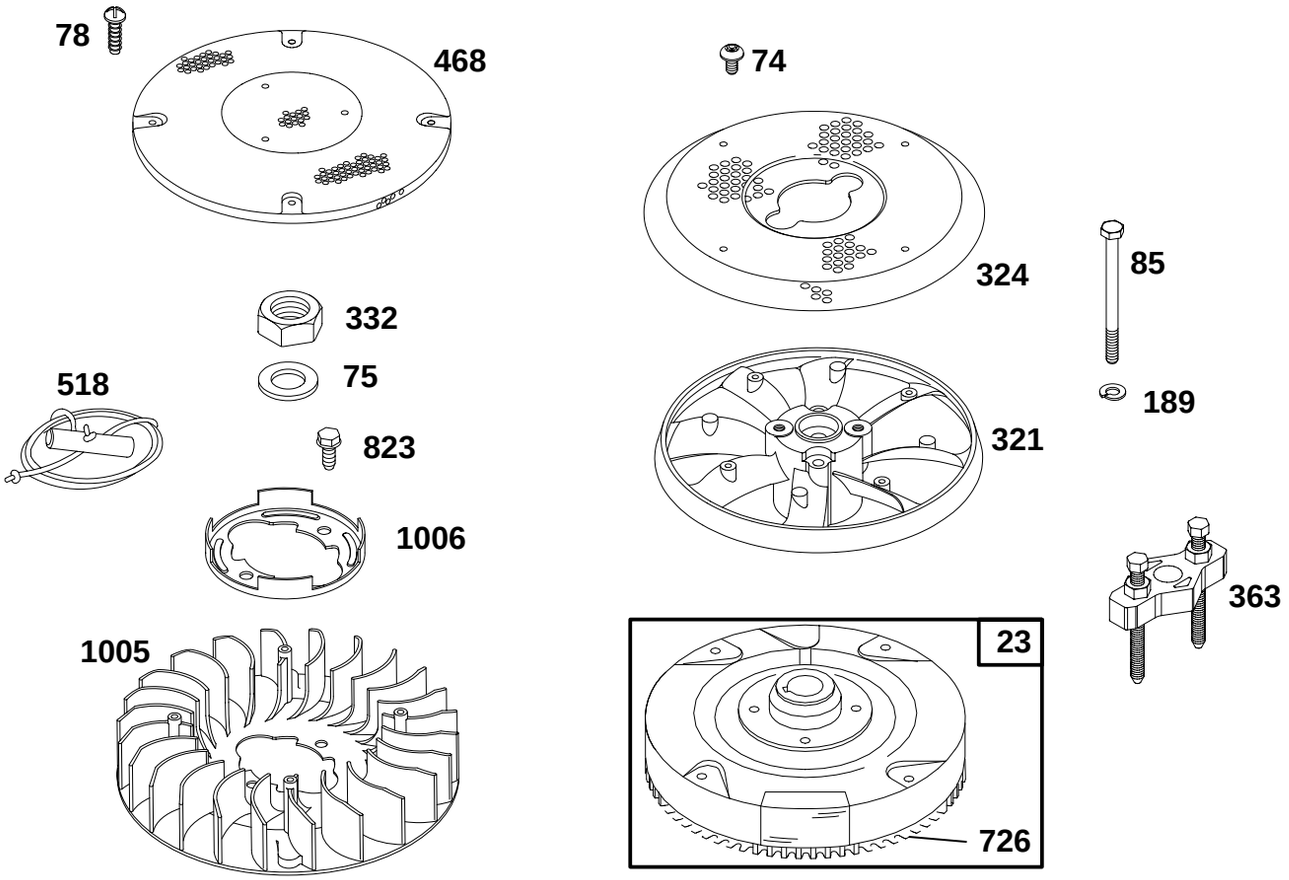
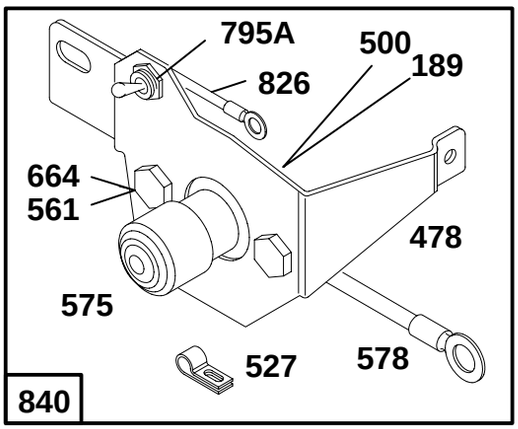
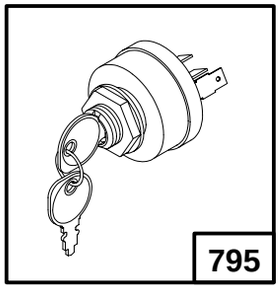
402400 to 402499

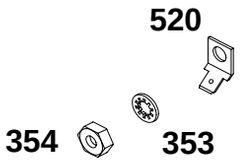


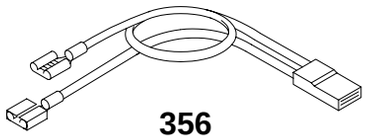
REF. NO.	PART NO.	DESCRIPTION
23	**491180**	Flywheel
		–––––––– Note ––––––
		491179 Flywheel Used on Type No(s). 1106, 1126, 1205, 1209, 1210, 1212, 1213, 1214, 1220, 1221, 1224, 1225, 1505, 1507, 4009, 4010, 4026.
74	**93808**	Screw–Phillips
75	**222511**	Washer–Spring
78	**94326**	Screw–Torx® Hex.
85	**94385**	Screw–Hex.
189	**90366**	Washer–Lock
321	**213852**	Fan–Booster (Used After Code Date 93011700).
		213472 Fan–Booster (Used Before Code Date 93011800).
		–––––––– Note ––––––
		213854 Fan–Booster (Used After Code Date 93011700).
		213460 Fan–Booster (Used Before Code Date 93011800). Used on Type No(s). 1210, 1211, 1213, 1217, 1223, 1226, 4012.
324	**224779**	Screen–Rotating
332	**230674**	Nut–Hex.
363	**19203**	Puller–Flywheel
468	**224521**	Screen–Rotating
518	**69932**	Rope–Starter
726	**391362**	Gear–Ring (Including Mtg. Parts)
823	**94627**	Screw–Hex.
1005	**281053**	Fan–Flywheel
		–––––––– Note ––––––
		280815 Fan–Flywheel (Used Before Code Date 93011800). Used on Type No(s). 1106, 1205, 1206, 1210, 1211, 1213, 1217, 1218, 1220, 1221, 1223, 1224, 1225, 1226, 4012.
1006	**224413**	Retainer–Fan
		–––––––– Note ––––––
		223726 Retainer–Fan (Used Before Code Date 93011800). Used on Type No(s). 1106, 1205, 1206, 1210, 1211, 1213, 1217, 1218, 1220, 1221, 1223, 1224, 1225, 1226, 4012.

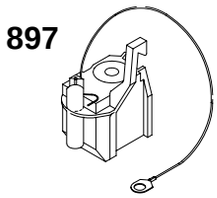
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

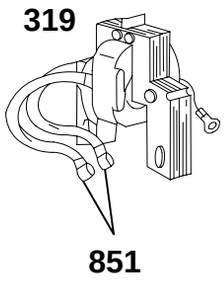


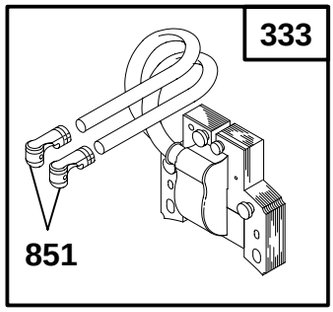










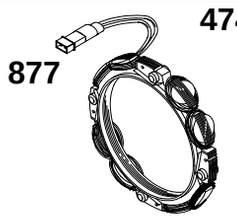
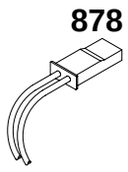
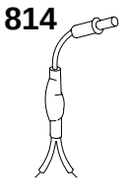
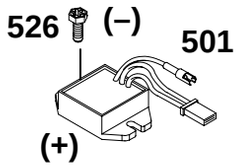


REF. NO.	PART NO.	DESCRIPTION
189	**90366**	Washer–Lock
319	**394988**	Armature–Magneto
333	**394891**	Armature–Magneto (MAGNETRON® Ignition)
334	**93381**	Screw–Hex.
353	**92791**	Washer–Lock
354	**90576**	Nut–Hex.
356	**491391**	Wire–Stop
478	**223106**	Panel (Toggle Switch)
		–––––––– Note ––––––
		223144 Panel (Key Switch)
500	**91325**	Washer
520	**93722**	Terminal

REF. NO.	PART NO.	DESCRIPTION
527	**220162**	Clamp
561	**92278**	Nut–Hex.
575	**299139**	Switch–Starting
578	**394518**	Wire Assembly
664	**93415**	Screw–Hex.
795	**493625**	Switch–Stop
		Include(s):
		392832 Key Set
795A	**392697**	Switch–Stop (Toggle)
		Use(s):
		93888 Nut–Hex.
		–––––––– Note ––––––
		392833 Switch–Stop (Key Switch)
		Include(s):
		392832 Key Set

REF. NO.	PART NO.	DESCRIPTION
826	**394667**	Harness–Wiring (Starter Switch To Ground Wire Terminal)
840	**394583**	Kit–Panel (Toggle)
	396573	Kit–Panel (Key Switch)
851	**221798**	Terminal–Cable
897	**394970**	MAGNETRON® Ignition Kit

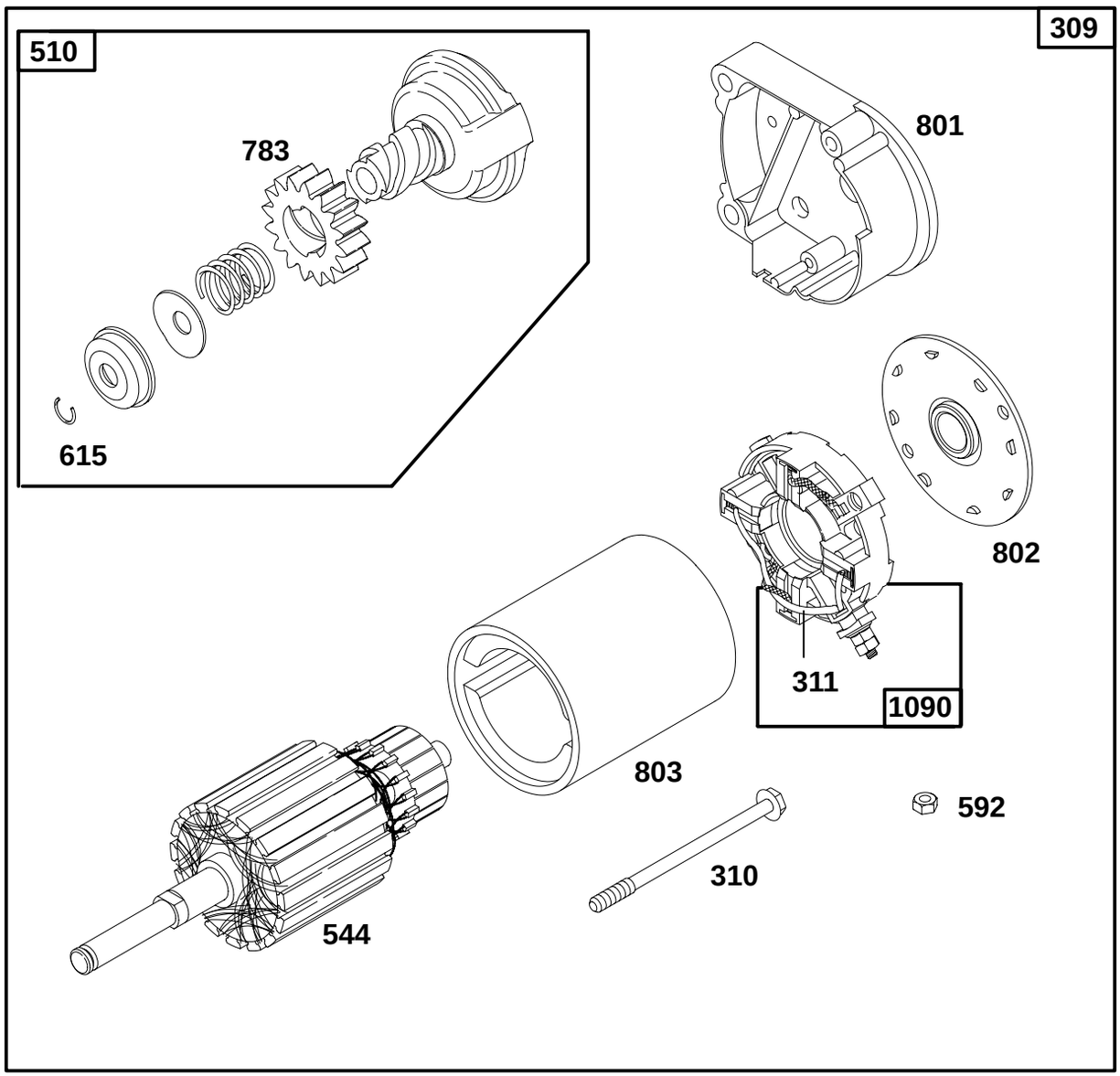
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

DUAL CIRCUIT	TRI–CIRCUIT	16 AMP
SEE FLYWHEEL ASSEMBLY	SEE FLYWHEEL ASSEMBLY	
		
		
		

NOTE: ALL STATORS USE NO. 482 MOUNTING SCREW.

REF. NO.	PART NO.	DESCRIPTION
474	**393474**	Alternator (Dual Circuit)
474A	**392595**	Alternator (Tri–Circuit)
474B	**393295**	Alternator
482	**93621**	Screw–Hex.
501	**394890**	Regulator
526	**94729**	Screw–Torx® Hex.
814	**392606**	Harness–Alternator (Tri–Circuit)
877	**393456**	Wire–Alternator (Dual Circuit)
877A	**393537**	Wire–Alternator (Tri–Circuit)
878	**393362**	Harness–Alternator
878A	**393422**	Harness–Alternator
878B	**399916**	Connector Assembly

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



REF. NO.	PART NO.	DESCRIPTION
309	**497596**	Motor–Starter
310	**94003**	Screw–Hex.
311	**497608**	Brush Set
510	**497606**	Drive–Starter
544	**497603**	Armature–Starter

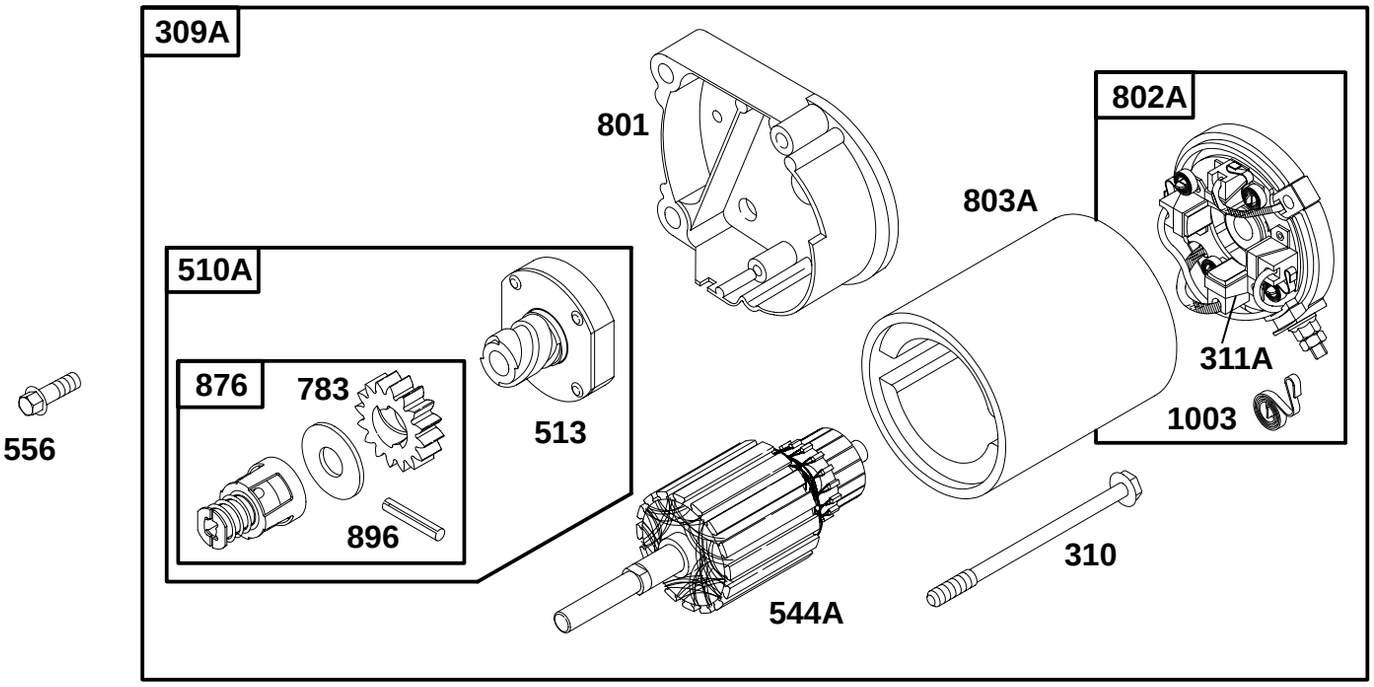
REF. NO.	PART NO.	DESCRIPTION
556	**93585**	Screw–Hex.
592	**92278**	Nut–Hex.
615	**263080**	Retainer
783	**280104**	Gear–Starter

REF. NO.	PART NO.	DESCRIPTION
801	**394860**	Cap–Drive
802	**497607**	Cap–End
803	**497604**	Housing–Starter
1090	**497605**	Retainer–Brush

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

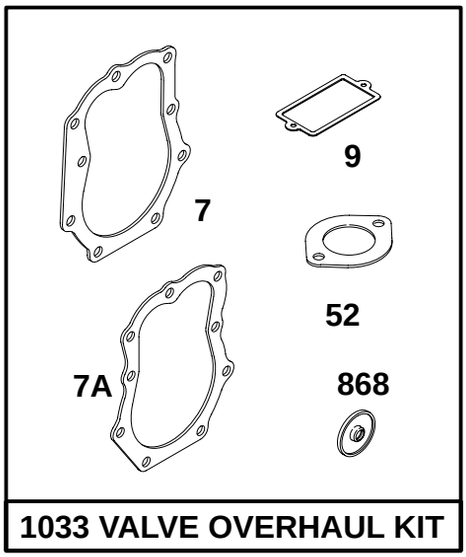
Assemblies include all parts shown in frames.

402400 to 402499

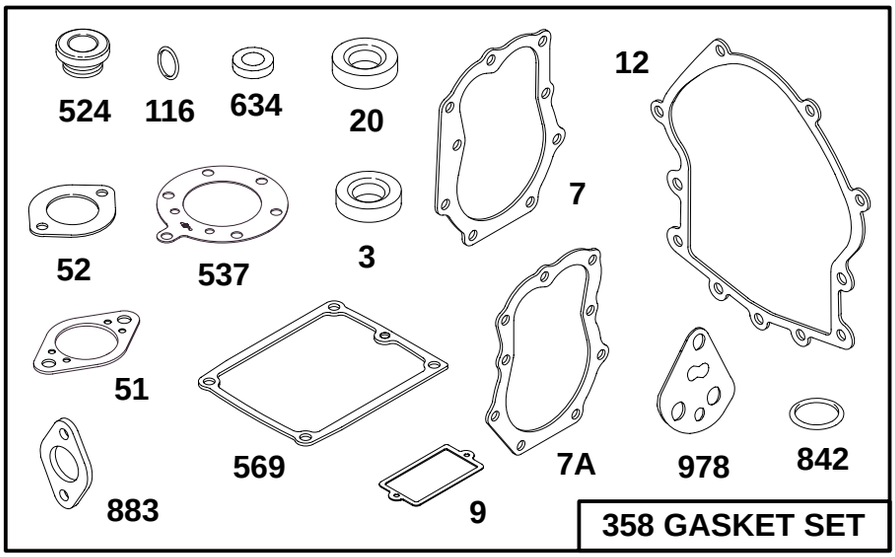


REF. NO.	PART NO.	DESCRIPTION
309A	**394808**	Motor–Starter (12 Volt, With 3-3/8" Housing Length) (Also For Replacing Motor With 3-15/32" Housing Length)
	495100	Motor–Starter (12 Volt, With 4-3/8" Housing Length)
	399928	Motor–Starter (12 Volt, With 4-1/2" Housing Length)
310	**94003**	Screw–Hex. (For 3-5/8" Housing Length)
	94169	Screw–Hex. (For 4-1/2" Housing Length)
	94004	Screw–Hex. (For 4-3/8" Housing Length)
311A	**395538**	Brush Set (For 3-5/8" Housing Length)
	490311	Brush Set (For 4-1/2" Housing Length)
	492020	Brush Set (For 3-15/32" Housing Length)
510A	**490421**	Drive–Starter
513	**398003**	Clutch–Drive
544A	**390837**	Armature–Starter (For 3-5/8" Housing Length)
	490309	Armature–Starter (For 4-3/8" and 4-1/2" Housing Length)
556	**93585**	Screw–Hex.
783	**280104**	Gear
801	**394860**	Cap–Drive
802A	**395537**	Cap–End (For 3-5/8" Housing Length)
	490310	Cap–End (For 4-1/2" Housing Length)
	494988	Cap–End (For 4-3/8" Housing Length)
	492022	Cap–End (For 3-15/32" Housing Length)
803A	**398159**	Housing–Starter (For 3-5/8" Housing Length)
	398892	Housing–Starter (For 4-1/2" Housing Length)
	494205	Housing–Starter (For 4-3/8" Housing Length)
876	**490467**	Kit–Gear
896	**94288**	Pin–Roll
1003	**490316**	Spring–Brush (For 4-1/2" Housing Length)

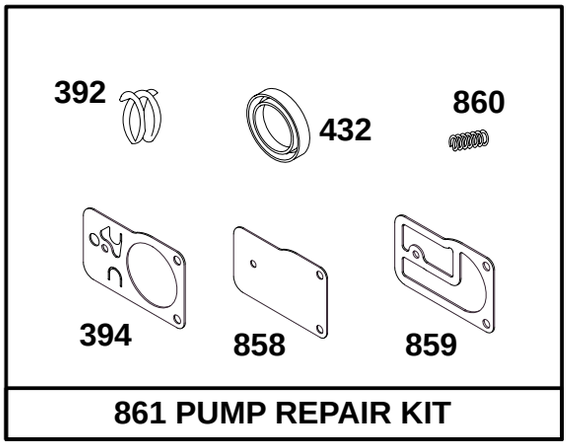
★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.



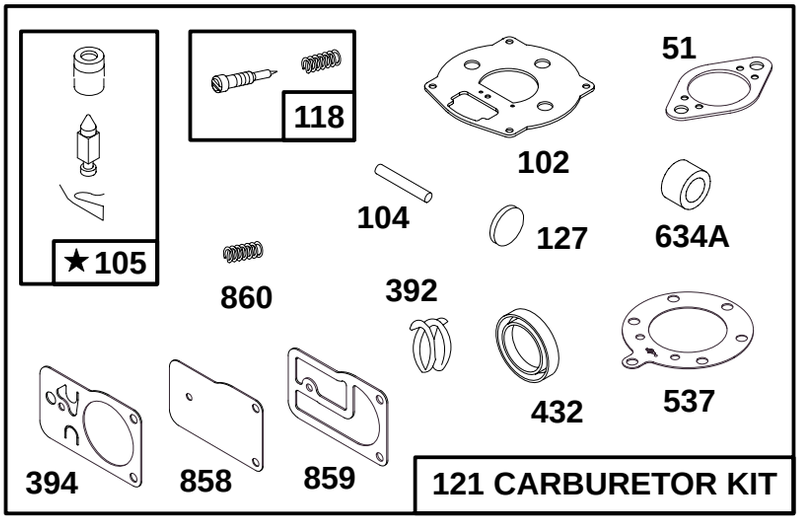
1033 VALVE OVERHAUL KIT



358 GASKET SET



861 PUMP REPAIR KIT



121 CARBURETOR KIT

★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

REF. NO.	PART NO.	DESCRIPTION
3	⋆391086	Seal–Oil
7	◆⋆271867	Gasket–Cyl. Head #1
7A	◆⋆271868	Gasket–Cyl. Head #2
9	◆⋆27803	Gasket–Breather
12	⋆272061	Gasket–Crankcase (0.015” Thick)
	⋆272127	Gasket–Crankcase (.005” Thick)
	⋆272128	Gasket–Crankcase (.009” Thick)
20	⋆291675	Seal–Oil
51	⋆●271412	Gasket–Intake
52	◆⋆270884	Gasket–Intake
102	●271607	Gasket–Carburetor Body
104	●230896	Pin–Float Hinge
105	●394683	Valve–Needle
116	⋆280474	O-Ring
118	●491538	Valve–Idle Adjustment
121	491539	Carburetor Kit
127	●223472	Plug–Welch
358	495868	Gasket Set
392	●■261395	Spring–Diaphragm
394	●■272638	Diaphragm–Carburetor
432	●■221377	Cap–Spring
524	⋆68838	Seal–Fill Tube
537	⋆●271411	Gasket–Air Cleaner
569	⋆272062	Gasket–Base
634	⋆491287	Seal–Governor Shaft
634A	●271013	Washer–Foam
842	⋆271170	Seal–Cap
858	●■270989	Diaphragm–Carburetor
859	●■271025	Gasket–Pump
860	●■261358	Spring–Diaphragm
861	393397	Kit–Pump Repair
868	◆393606	Seal–Valve
883	⋆272250	Gasket–Exhaust
883A	⋆272293	Gasket–Exhaust
978	⋆272060	Gasket
1033	498047	Kit–Valve Overhaul

⋆ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.

402400 to 402499

REF. NO.	PART NO.	DESCRIPTION
2	**399265**	Bushing (Used After Code Date 91081800). Used on Model Series *402442, 402445.* (Used After Code Date 89073000). Used on Model Series *402447.* **–––––––– Note ––––––** **491523** Bushing (Used Before Code Date 91081900). Used on Model Series *402415, 402417, 402431,* And *402437.* **495359** Bushing (Used Before Code Date 89073100). Used on Model Series *402442*, *402445*, And *402447.*
16	**393823**	Crankshaft For Timing Gear Key–Order Part No. **94196.** **–––––––– Note ––––––** **392976** Crankshaft Used on Type No(s). 1501, 1502, 1505, 1506, 1507, 4020, 4021, 7020.
		396370 Crankshaft Used on Type No(s). 1209. **398917** Crankshaft Used on Type No(s). 1213. **492081** Crankshaft Used on Type No(s). 1208. **492227** Crankshaft Used on Type No(s). 1115, 1116, 1126, 1201, 1203, 1216, 1218, 1220, 1223, 1224, 1225, 4010, 4015, 4016, 4026. **493221** Crankshaft Used on Type No(s). 1210. **493224** Crankshaft Used on Type No(s). 1211. **493225** Crankshaft Used on Type No(s). 1214, 1219, 4009.
90	**495181**	Carburetor (Used After Code Date 92021600). **491429** Carburetor (Used Before Code Date 92021700).
		–––––––– Note –––––– **495009** Carburetor Used on Type No(s). 1208, 1209, 1214, 1219, 4009. **493229** Carburetor Used on Type No(s). 1218.
572	**224816**	Guide–Air (Cyl. #2) (Used After Code Date 94041000). **–––––––– Note ––––––** **224580** Guide–Air (Cyl. #2) (Used Before Code Date 94041100 and After Code Date 91081800). **222700** Guide–Air (Cyl. #2) (Used Before Code Date 91081900).

★ Included in Gasket Set–Part No. 491856.
◆ Included in Valve Overhaul Kit–Part No. 498047.
● Included in Carburetor Kit–Part No. 491539.
■ Included in Pump Repair Kit–Part No. 393397.